

PATENT ABSTRACTS OF JAPAN

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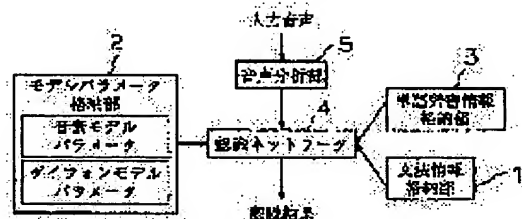
(72)Inventor : ISOTANI RYOSUKE

(54) CONTINUOUS SPEECH RECOGNITION SYSTEM

(57)Abstract:

PURPOSE: To precisely recognize even a speech generated by continuously voicing words, without increasing the throughput at word borders when recognition units depending upon environment.

CONSTITUTION: Diphones obtained by fractionizing a phoneme by a following phoneme and a phoneme which does not depend upon the following phoneme are used as the recognition units. A word dictionary 3 is so constituted as to use a phoneme model at the tail of a word and a diphone model in other cases. A recognition network 4 is generated by using the word dictionary, model parameters, and grammatical information to recognize a continuous speech. The parameters of the phoneme model are found by averaging the parameters of the diphone model.



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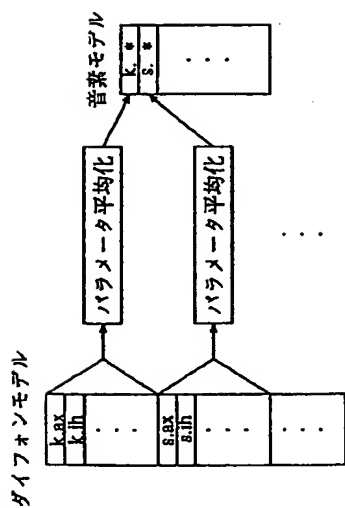
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(5)

【図3】



【図4】

